2 Port USB VGA Cable KVM Switch with Audio

SV215MICUSBA

*actual product may vary from photos

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

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Introduction

Thank you for purchasing a StarTech.com SV215MICUSBA 2 Port VGA + USB Cable KVM Switch with Audio. Supporting superior video quality with resolutions up to 2048x1536, this KVM on-a-cable switch is an ideal solution to access and control two desktop computers.

• Includes all necessary cables to share one monitor, keyboard, mouse,   and speakers across two computers

• Provides independent audio/microphone switching to provide an unin-terrupted audio experience

• Compatible with Mac, Linux, or PC based computers

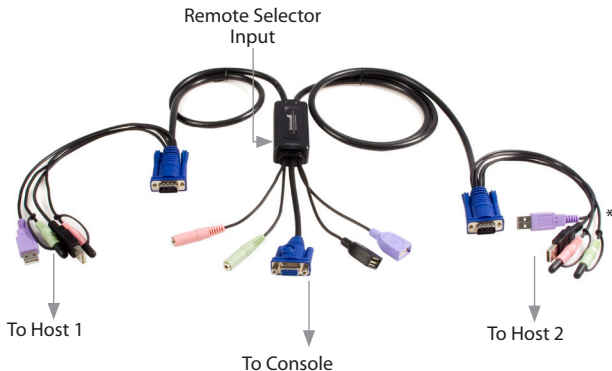• Ideal for SOHO, gaming, and multimedia production environments

Packaging Contents

• 1 x 2 Port Integrated KVM

• 1 x User's Manual

• 1 x Remote Selector

System Requirements

• A VGA, SVGA, or Multisync monitor capable of the highest resolution   that will be used on any computer involved in the installation

• A USB Keyboard

• A USB Mouse

• An available VGA, SVGA or Multisync video port

• Two available USB Type A ports

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Hardware Guide

Remote Selector
Input

To Host 1

To Console

To Host 2

* The cable connecting the Master unit to Host 1 is 24", while the cable connecting the Console unit to Host 2 is 47".

To link the SV215MICUSBA to the console display unit, use a Male-Male VGA cable to connect the blue Console connector to the VGA port on the display device being used. Connect the remaining Console connectors to the speakers, microphone, and USB Keyboard/Mouse, according to the following color coding:

To connect a host to the SV215MICUSBA, connect the blue VGA cable to your computer's VGA port. Connect the remaining cable-ends to the corresponding USB and 3.5mm ports (keyboard, mouse, speakers, and microphone), as appropriate, based on the color coding detailed above.

Color	Connection
Pink	Microphone (optional)
Purple	USB Keyboard
Green	3.5" Audio
Blue	VGA
Black	USB Mouse

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Installation

Before you begin, ensure that the power to all the devices you will be connecting has been turned off. You must unplug the power cords of any computers that have the Keyboard Power On function. Otherwise, the switch will receive power from the computer. To prevent damage to your equipment, make sure that all the devices you will be connecting are properly grounded.

1. Plug your keyboard, monitor, and mouse into the corresponding ports on the SV215MICUSBA. The keyboard and mouse ports are labeled with an icon to distinguish them.

   Note: When using a wireless composite keyboard and mouse, its USB cable must plug into the keyboard port in order for the Hotkeys to function.

2. Plug your speakers into the speaker jack on the SV215MICUSBA.

   Note: This step is optional.Plug the USB, video, and speaker connectors of the attached KVM cables into their respective ports on the computers you are installing.

3. Turn on the power to the computers. Please Note: The SV215MICUSBA's Power On default is to link to the first computer you turn on.

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Operation

There are two ways to select the host computer you wish to broadcast to the console: the Remote Selector, and Hotkey Mode. If you wish to use the Remote Selector to switch between host computers, simply connect it to the Remote Selector Input (shown on pg.3). To switch between host computers, press the button on the remote selector, pictured below.

Port Selection Button

Hotkey Configuration

Invoking Hotkey Mode

All Hotkey operations begin by tapping the Scroll Lock key twice. The tables on the following page describe the action that each hotkey operation performs.

Please Note: The default hotkey invocation key is the Scroll Lock key, but the Ctrl key can also be used.

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Hotkey Summary Table

Once Hotkey mode has been invoked, key in one of the following values (keys) to perform the corresponding function:

Hotkey Sequence	Action
[Scroll Lock] [Scroll Lock] [Enter]	Toggles the KVM and Audio focus between the two ports.
	Note: If the KVM and Audio focus are on different ports, only the KVM focus switches.
[Scroll Lock] [Scroll Lock] [x] [Enter]	Toggles the hotkey invocation key between the Scroll Lock key and the Control key
[Scroll Lock] [Scroll Lock] [k] [Enter]	Only toggles the KVM focus.
[Scroll Lock] [Scroll Lock] [s] [Enter]	Only toggles the audio focus.
[Scroll Lock] [Scroll Lock] [a] [Enter] [n]	Starts Auto Scan. KVM focus cycles from port to port at n second intervals.
	Note: The n stands for the number of seconds that the focus dwells on a port before switching to the other one.Replace the n with a number between 1 and 4 when entering this hotkey combination.

Scan Interval Table

n	Seconds
1	3
2	5
3	10
4	20

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Keyboard Emulation Mapping

To initialize Mac keyboard mapping, please execute the following hotkey sequence:

[scroll],[scroll], [F2], [Enter]

or

[ctrl] [ctrl] [F2] [Enter]

Once this has been done, the following keyboard mapping will apply:

PC Keyboard	Mac Keyboard
[Shift]	Shift
[Ctrl]	Ctrl
[Ctrl], 1	🔇
[Ctrl], 2	🔉
[Ctrl], 3	🔊
[Ctrl], 4	▲
[ÿ]	⌘
F12	⏏
[Alt]	L Alt/Option
[Prt_Sc]	F13
[Scroll Lock]	F14
[Desktop Menu]	=

PC Keyboard	Mac Keyboard
[Enter]	Return
[Back Space]	Delete
[Ins]	Help
[Ctrl] [Win]	F15

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Specifications

Function	Specification		
Computer Connection			2
Port Selection			Hotkey, Pushbutton
Connectors	Console Ports	Keyboard	1 x USB Type A Female (Purple)
		Video	1 x HDB-15 Male (Blue)
		Mouse	1 x USB Type A Female (Black)
		Speaker	1 x Mini Stereo Jack Female (Green)
		Microphone	1 x Mini Stereo Jack Female (Pink)
	KVM Ports	Keyboard	2 x USB Type A Male (Purple)
		Video	2 x HDB15 Male (Blue)
		Mouse	2 x USB Type A Male (Black)
		Speaker	2 x Mini Stereo Plug Male (Green)
		Microphone	2 x Mini Stereo Plug Male (Pink)
	Remote Switch		1 x Mini Stereo Jack
LEDs	Selected		2 (Green)
Cable Length	Console	KB/Mouse	0.15m
		Video	1.2m
	Computers		0.6m, 1.2m
Emulation	Keyboard/Mouse		USB
	Video		1920 x 1200 @ 60Hz; DDC2B
Environment	Operating Temp.		0-50℃
	Storage Temp.		-20-60℃
	Humidity		0-80% RH, Non-condensing
Physical Properties	Housing		Plastic
	Weight		0.40kg
	Dimensions (L x W x H)		8.10 x 6.90 x 2.60 cm

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Troubleshooting

Symptom	Possible Cause	Action
Keyboard and/or Mouse Not Responding	Keyboard/Mouse need to be reset.	Unplug the keyboard/mouse from the Console Keyboard Port, then plug it back in.
	Hotkey sequence has been input incorrectly.	Resend the Hotkey command - press and release each key in the sequence individually.
	Switch needs to be reset.	Turn off the computers; wait 5 seconds; turn the computers back on
Video Problems	Resolution and/or Refresh rate set too high	Select a lower resolution and/or bandwidth.

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